



**Nuclear Fuel Services, Inc.**  
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AIRBORNE EXPRESS

21G-02-0317  
GOV-01-55-04  
ACF-02-0254

October 14, 2002

Director  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

References: 1) Docket No. 70-143; SNM License 124  
2) Letter from NRC to T.S. Baer, License Renewal (TAC NO. L30873),  
dated July 2, 1999  
3) Letter from B.M. Moore to NRC, Licensing Plan of Action to Support the  
Blended Low Enriched Uranium (BLEU) Project at Nuclear Fuel Services,  
dated October 4, 2001 (21G-01-0180)  
4) Letter from NRC to B.M. Moore, Nuclear Fuel Services, Inc., Amendment 31  
(TAC No. L31535) to Approve Integrated Safety Analysis Plan and Delete  
License Conditions S-28 through S-38, dated October 30, 2001  
5) Meeting at NRC Headquarters to Discuss License Condition S-25 Reviews for  
Processes at BPF, held May 20, 2002

**Subject: ISA Summary for the BLEU Preparation Facility Processes**

Dear Sir:

Nuclear Fuel Services, Inc. (NFS) hereby submits the BLEU Preparation Facility (BPF) Integrated Safety Analysis (ISA) Summary, in accordance with Title 10, Code of Federal Regulations (CFR), Part 70.62.

*Nmssol*

NFS is currently authorized in NRC Materials License SNM-124 to perform special nuclear material downblending and conversion operations at the 200 Complex. In July 1999, your staff completed licensing and safety reviews of these processes in support of the renewal of SNM-124 (Reference 2). As discussed with your staff at the May 20, 2002 meeting (Reference 5), NFS is relocating its downblending operations to the BPF in support of the BLEU Project (Reference 3).

Regulations specified in 10 CFR 70.62 require that NFS complete and submit for approval, the ISA summaries for existing processes by October 18, 2004. The ISA for the BPF is complete, therefore, the attached summary of the BPF ISA is submitted for your review and approval. For your information, NFS intends to utilize the High Security Storage Area by June 1, 2003, and anticipates startup of other BPF processes described herein by July 1, 2003, to support BLEU Project milestones.

The BPF ISA Summary contained herein (Attachment I) was prepared in a manner consistent with Reference 4. The BPF ISA Summary is considered proprietary information, as set forth in the enclosed affidavit; therefore, NFS requests that this information be withheld from public disclosure. A non-proprietary version of the BPF ISA Summary suitable for public disclosure is contained in Attachment II.

No changes to SNM-124 were required to support this submittal.

The drawings enclosed herewith have the following statement affixed:

*"This drawing and all information contained thereon is the property of Nuclear Fuel Services, Inc. and shall not be used or disclosed for any purpose other than that for which it has been furnished without the express written consent of NFS."*

Notwithstanding the language of this restriction, NFS acknowledges that reproduction and controlled distribution of submitted documents, in accordance with NRC regulations and requirements, is necessary in order for the NRC to carry out its legal and regulatory responsibilities. Further, NFS acknowledges that reproduction and controlled distribution of these drawings by a third party authorized by the NRC is allowable by this language. Therefore, it is NFS' position that the enclosed drawings may be reproduced and distributed in a controlled manner, by a third party authorized by the NRC, for NRC's purposes and use without violation of the statement above.

If you or your staff have any questions, require additional information, or wish to discuss this, please contact me, or Mr. Rik Droke, Licensing and Compliance Director at (423) 743-1741. Please reference our unique document identification number (21G-02-0317) in any correspondence concerning this letter.

Sincerely,

**NUCLEAR FUEL SERVICES, INC.**



B. Marie Moore  
Vice President  
Safety and Regulatory

JSK/lsn

cc:

Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
Atlanta Federal Center  
61 Forsyth Street, SW  
Suite 23T85  
Atlanta, GA 30303

Mr. William Gloersen  
Project Inspector  
U.S. Nuclear Regulatory Commission  
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Mr. Dan Rich  
Senior Resident Inspector  
U.S. Nuclear Regulatory Commission

ENCLOSURE

AFFIDAVIT

I, **B. Marie Moore**, Vice President of Safety and Regulatory at Nuclear Fuel Services, Inc (NFS), make the following representations that to the best of my knowledge and beliefs:

1. The following document which Nuclear Fuel Services, Inc. (NFS) wishes to have withheld from public disclosure, is:

*Attachment I to NFS letter B. M. Moore to Director, NMSS,  
dated October 14, 2002 (21G-02-0317), in its entirety.*

2. The information contained in the document cited in 1 above has been held in confidence by Nuclear Fuel Services, Inc (NFS) in that it is of a privileged and confidential commercial nature
3. The information contained in the document cited in 1 above is the intellectual property of Nuclear Fuel Services, Inc. (NFS) and as such is customarily held in confidence by Nuclear Fuel Services, Inc. (NFS) Nuclear Fuel Services, Inc. (NFS) has customarily submitted privileged and confidential information of this type to the Nuclear Regulatory Commission (NRC) and to its predecessor, the Atomic Energy Commission (AEC), in confidence.
4. The information contained in the document cited in 1 above has not been made available to public sources by Nuclear Fuel Services, Inc. (NFS), nor has Nuclear Fuel Services, Inc. (NFS) authorized that it be made available.
5. The public disclosure of the information contained in the document cited in 1 above is likely to cause substantial economic harm to Nuclear Fuel Services, Inc (NFS).

B.M. Moore 10/14/02  
B Marie Moore Date  
Vice President  
Safety & Regulatory

I certify the above named person appeared before me and executed this document on this the \_\_\_\_ day of October, 2002.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

**ACKNOWLEDGMENT**

State of Tennessee  
County of Union  
On this 14 day of Oct, 2002, B.M. Moore  
personally appeared before me,  
☒ who is personally known to me,  
\_\_\_\_ whose identity I verified on the basis of \_\_\_\_\_  
☒ whose identity I verified on the oath/affirmation of Laurel Nutty  
a credible witness,  
to be the signer of the foregoing document, and he/she acknowledged that  
he/she signed it. Antoni R. Lewis  
Notary Signature  
My Commission Expires: Sept 29, 2004